STAT

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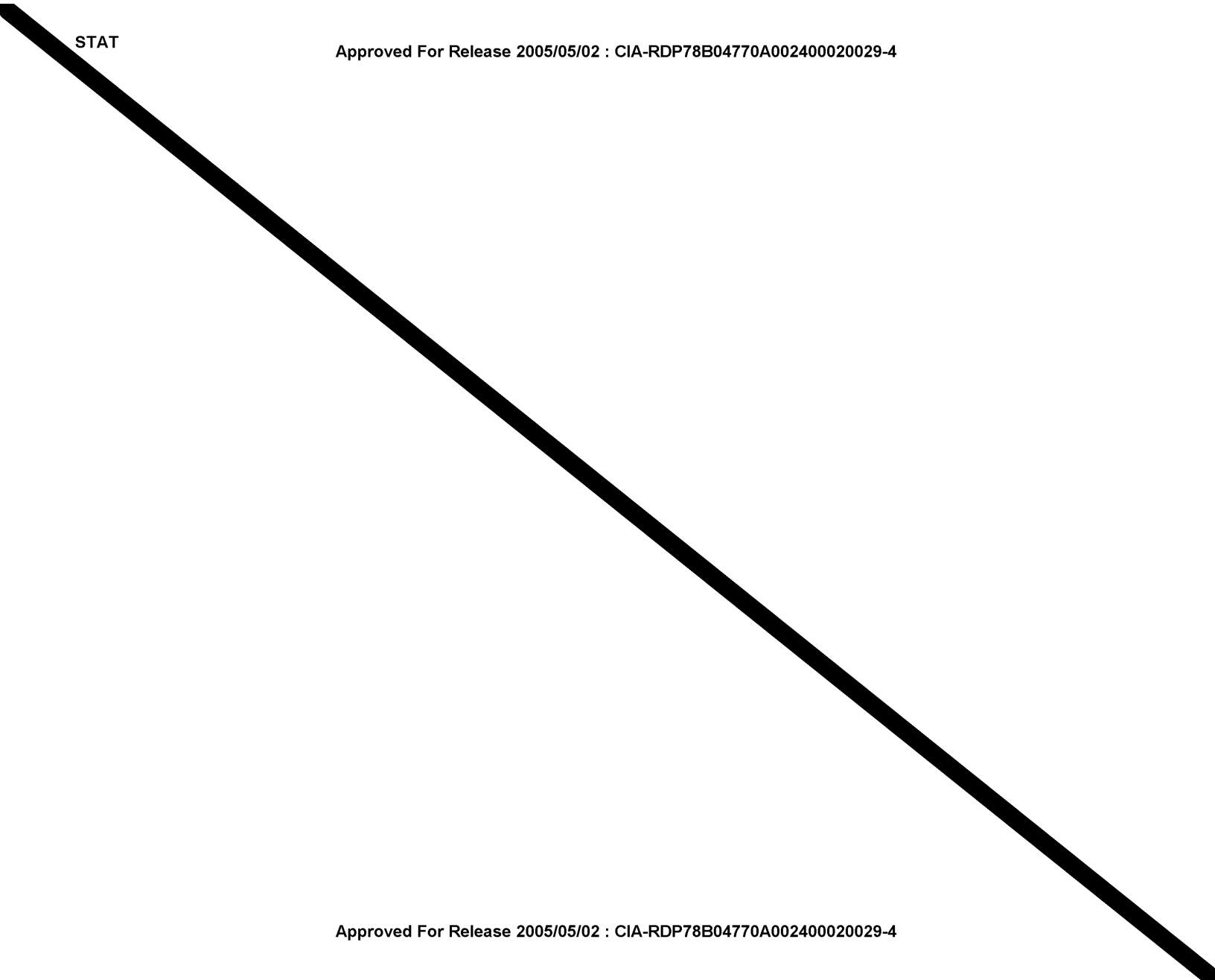

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PAR 211

Suppl. No. 2

MICRODENSITOMETER STUDY OF EFFECTS OF PROCESSING

Suppl. No. 2, Addition of Preparation of Aerial Scene Simulation at the Scale 1:23,000

17 December 1964

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SUBJECT: Microdensitometer Study of Effects of Processing

TASK/PROBLEM

1. Collect and study microdensitometric data from mission materials in an attempt to determine the effect of film emulsions, processing and printing on the characteristics of image edges. Also, attempt to determine true location of image edges for mensuration purposes.

2. Supplement No. 2, Addition of Preparation of Aerial Scene Simulation at the Scale 1:23,000.

PROPOSAL

3. Aerial scene simulations will be made at the scale of 1:23,000 on the following films having the listed processings:

	Film	Processing
a.	4400	Trenton, three conditions and special PAR 211 developers.
b.	4401	Trenton, three conditions and special PAR 211 developers.
c.	4404	Trenton, three conditions and special PAR 211 developers.

4. These exposures will have ground resolutions of seven inches to one foot. The exposure brightness range will be approximately 5:1. The scene content will include three to five of the following subjects:

a. Urban area.

b. Airfield.

c. Industrial complex.

d. Ground resolving power charts.

e. Commercial water frontage or bridges.

5. Negatives, positive transparencies, and 20X enlargements will be furnished.

6. The aerial simulations at 1:23,000 are in addition to simulations being prepared at approximately 1:300,000 and 1:100,000 under PAR 211.

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7. The simulations will be prepared as mono-images (non-stereo). The simulations can be prepared in stereo mode at a cost factor of 1.8 times the mono-rate and may limit the types of scenes available.

SCHEDULE

8. The aerial scene simulations will be completed within six months of the acceptance of this proposal.

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